

METHOD AND SYSTEM FOR SIMULATING THE DIAMETER ENLARGEMENT  
OF A LESION OF A BLOOD VESSEL

ABSTRACT OF THE DISCLOSURE

The invention concerns a method and system for simulating the diameter enlargement of a lesion of a blood vessel by means of an endovascular prosthesis. A three-dimensional simulated image is visualized, showing the result of interaction between the lesion and the endovascular prosthesis after deployment of the latter. The three-dimensional simulated image visualized is the superposition of two three-dimensional images, a first three-dimensional simulated image showing the endovascular prosthesis deployed, taking into account the resistance of the lesion, and a second three-dimensional simulated image showing the enlarged lesion following the deployment of the endovascular prosthesis.